



Class 800 Forged Stainless Steel Gate Valve

FIG.# 4E-18F1610S/T/ST

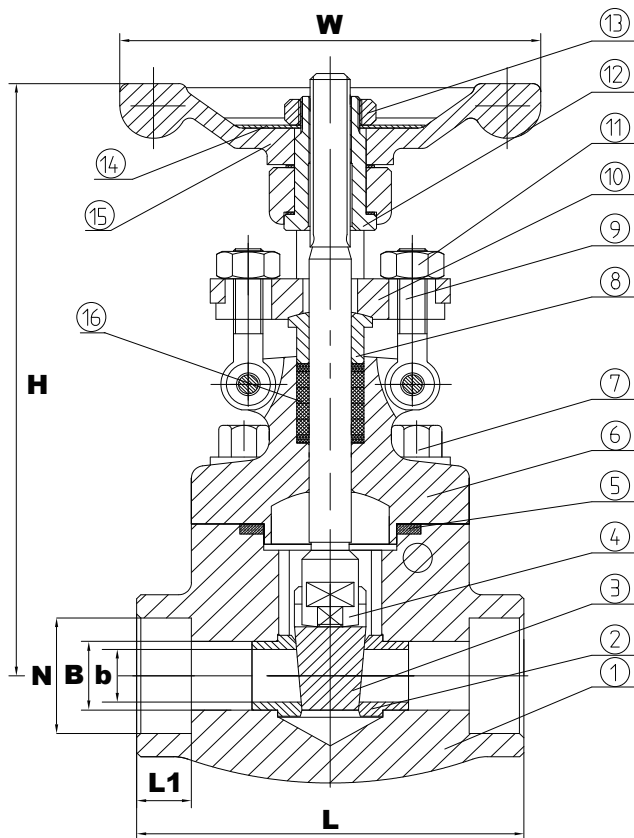
Class 800, OS & Y, Bolted Bonnet, ASTM A182/ F316L
 316L Body, Seat Ring, Stem and Bonnet
 Available in Socket Weld, Threaded and SW x Thrd connections

CLASS		800	
Test	Shell	21.4	MPa
	Seat	15.4	
	Backseat	15.4	
	Air	0.6	
Temperature: - 29°C (- 20°F) ~ 300°C (572°F)			
Medium: Water, Oil & Gas			

STANDARDS COMPLIANCE:

Design and Manufacture	API 602
Face to Face Dimensions	MFG'S
End Connection	Socket Weld Ends to ASME B16.11 Screwed Ends (NPT) to ASME B1.20.1 Butt Welding Edns to ASME B16.25
Pressure- Temperature	ANSI B16.34
Test & Inspect	API 598

MATERIAL LIST		
No.	Part Name	Material
1.	Body	ASTM A182 F316L
2.	Seat Ring	ASTM A182 F316L
3.	Wedge	ASTM A182 F316
4.	Stem	ASTM A182 F316L
5.	Gasket	SS+Graphite
6.	Bonnet	ASTM A182 F316L
7.	Hex. Bolt	ASTM A193 B8M
8.	Gland	ASTM A182 F316
9.	Gland Eyebolt	ASTM A193 B8M
10.	Gland Flange	ASTM A182 F316
11.	Gland Nut	ASTM A194 8M
12.	Yoke Nut	ASTM A276 410
13.	H.W. Nut	ASTM A194 2H
14.	Nameplate	AL
15.	Handwheel	A 197
16.	Packing	Flexible Graphite



DIMENSIONS & WEIGHT							
SIZE	unit	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
L	inch	3.11	3.62	4.37	4.72	4.72	5.51
	mm	79	92	111	120	120	140
L1 (SW)	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
b	inch	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
B	inch	0.86	1.07	1.33	1.68	1.92	2.41
	mm	21.8	27.2	33.9	42.7	48.8	61.2
NPT	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	mm	12.7	19.1	25.4	31.8	38.1	50.8
N (SW)	inch	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
H	inch	6.50	6.65	8.15	9.06	9.80	11.14
	mm	165	169	207	230	249	283
W	inch	3.78	3.78	4.72	6.14	6.14	7.01
	mm	96	96	120	156	156	178
Weight	LBS.	4.85	5.29	9.04	12.13	17.64	22.05
	Kgs.	2.2	2.4	4.1	5.5	8	10



NOTE:

1. Due to the continuous development of our products, specifications subject to change without notice.

2. In Dimension & Weight (SW) figures are for Socket Weld Valves only.